

EXPRESS MAIL LABEL NO. EV064092971US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Divisional Of:

Applicants: Antonito Panganiban, et al.  
Serial No.: 09/301,978  
Filed: April 29, 1999  
For: METHOD OF IDENTIFYING MODULATORS OF  
HIV-1 VPU AND GAG INTERACTION WITH U  
BINDING PROTEIN (Ubp)  
Group Art Unit: 1648  
Examiner: U. Winkler

---

INFORMATION DISCLOSURE STATEMENT

---

Commissioner For Patents  
Washington, D.C. 20231

Dear Sir:

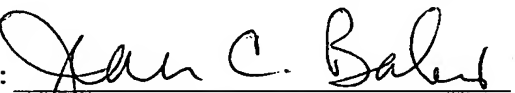
Enclosed is a completed form PTO-1449 listing documents that the Applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application. These documents were cited in parent application 09/301,978.

Respectfully submitted,

Antonito Panganiban, et al.

March 4, 2002

By:

  
Jean C. Baker  
Reg. No. 35,433  
Quarles & Brady LLP  
411 East Wisconsin Avenue  
Milwaukee, WI 53202-4497  
(414) 277-5709



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

<b>Application Number</b>	
<b>Filing Date</b>	March 4, 2002
<b>First Named Inventor</b>	Antonito Panganiban
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	960296 98849

1046 U.S. PTO  
10/090378

[illegible][illegible]

Date	
Considered	

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

5206222\_1.PDF

Substitute for form 1449B/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>		<b>Complete if Known</b>	
		Application Number	
		Filing Date	March 4, 2002
		First Named Inventor	Antonito Panganiban
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	960296.98849
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S. Bour, et al., "The Human Immunodeficiency Virus Type 1 Vpu Protein Specifically Binds to the Cytoplasmic Domain of CD4: Implications for a Mechanism of Degradation," J. Virol. 69:1510-1520, 1995	
		M.A. Callahan, et al., "Functional Interaction of Human Immunodeficiency Virus Type 1 Vpu and Gag with a Novel Member of the Tetratricopeptide Repeat Protein Family," J. Virol. 72(6):5189-5197, 1998	
		R.J. Geraghty, et al., "Cell Type-dependence for Vpu Function," J. Med. Primatol. 23:146-150, 1994.	
		Y.-H. Lee, et al., "The HIV-1 Matrix Domain of Gag is Required for Vpu Responsiveness During Particle Release," Virology 237:46-55, 1997.	
		M.S. McBride, et al., "Position Dependence of Functional Hairpins Important for Human Immunodeficiency Virus Type 1 RNA Encapsidation In Vivo," J. Virol. 71(3):2050-2058, 1997	
		M.S. McBride, et al., "Efficient Encapsidation of Human Immunodeficiency Virus Type 1 Vectors and Further Characterization of cis Elements Required for Encapsidation," J. Virol. 71(6):4544-4554, 1997	
		M.D. Schwartz, et al., "Distinct Functions and Requirements for the Cys-His Boxes of the Human Immunodeficiency Virus Type 1 Nucleocapsid Protein during RNA Encapsidation and Replication," J. Virol. 71(12):9295-9305, 1997.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.